



US009409585B2

(12) **United States Patent**
Buttazzoni et al.

(10) **Patent No.:** **US 9,409,585 B2**
(45) **Date of Patent:** ***Aug. 9, 2016**

(54) **CASTOR SUPPORTED DOLLY ASSEMBLY
CAPABLE OF BEING MADE FROM
LIGHTWEIGHT MATERIALS AND OF BEING
USED AS A PALLET ASSEMBLY**

USPC 280/79.11, 638, 79.2, 79.5, 47.11,
280/47.371, 47.34

See application file for complete search history.

(71) Applicant: **Luca Buttazzoni**, Miami, FL (US)

(56) **References Cited**

U.S. PATENT DOCUMENTS

(72) Inventors: **Luca Buttazzoni**, Miami, FL (US);
Andres Bernal, Sunny Isles, FL (US)

123,147 A	1/1872	Blackman
189,531 A	4/1877	Voorhees
208,650 A	10/1878	Tucker
217,172 A	7/1879	Tucker
RE9,283 E	7/1880	Woodruff
357,406 A	2/1887	Nelms

(Continued)

(73) Assignee: **Luca Buttazzoni**, Miami, FL (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-
claimer.

FOREIGN PATENT DOCUMENTS

GB	2423012	8/2006
JP	6293201	10/1994

Primary Examiner — Hau Phan

(21) Appl. No.: **14/532,642**

(22) Filed: **Nov. 4, 2014**

(74) *Attorney, Agent, or Firm* — Malloy & Malloy, P.L.

(65) **Prior Publication Data**

US 2015/0353113 A1 Dec. 10, 2015

Related U.S. Application Data

(63) Continuation-in-part of application No. 14/156,753,
filed on Jan. 16, 2014, now Pat. No. 8,876,127, which
is a continuation of application No. 13/942,206, filed
on Jul. 15, 2013, now Pat. No. 8,876,145.

(51) **Int. Cl.**
B62B 3/02 (2006.01)
B62B 5/00 (2006.01)

(52) **U.S. Cl.**
CPC **B62B 3/02** (2013.01); **B62B 5/0093**
(2013.01); **B62B 2205/006** (2013.01); **B62B**
2301/252 (2013.01)

(58) **Field of Classification Search**
CPC B62B 1/00; B62B 3/04; B62B 1/10;
B62B 5/0093

(57) **ABSTRACT**

A castor supported dolly assembly, but also a dolly assembly that can be used either with or without castors so as to provide a new pallet assembly. The dolly assembly comprises a plurality of dolly members formed of a lightweight, disposable and/or severable material may be interconnected into interchangeable operative positions to define supporting orientations. Each dolly member includes and at least one connecting segment comprising a slot and a base. A connected orientation, of any two of the dolly members, comprises a confronting relation of the bases of engaging connecting segments and an aligned orientation of corresponding passages formed therein, so as to concurrently allow a castor to be removably received and retained in interconnecting relation to the confronting bases. Each dolly member may also include at least one supporting segment structured to receive a castor therein.

7 Claims, 19 Drawing Sheets

